

REMARKS

Drawing Objections

The Examiner objected to the drawings alleging that reference number 28 is shown in the figures but is not mentioned in the description. However, the description mentions reference number 28 multiple times beginning with paragraph [0010] on page 4 of the application. As used therein, reference number 28 refers to reference numbers 28a-28h, collectively. Accordingly, Applicants request that the Examiner withdraw the objection to the drawings.

Claim Objections

The Examiner also objected to claims 1 and 29 for minor typographical errors, and to various claims alleging that Applicants intended the term "criteria" to be "criterion." Applicants have amended claims 1-4, 14-17, 23, 26, and 28-29 without adding new matter to address these concerns. In light of the amendments, Applicants request that the Examiner withdraw the objections to the claims.

35 U.S.C. §101 Rejections

The Examiner rejected claims 1-30 under §101 alleging that they merely recite the production and/or manipulation of non-functional descriptive material, and fail to produce a useful, concrete, and tangible result. Applicant respectfully disagrees.

The claims are drawn to a system and a method of designing and building e-business systems that combines selected "patterns" from one or more selected "domains." "Domains" are different functional areas of concern to be considered when designing and building an e-business system. Examples include, but are not limited to, security issues, performance issues, system access issues, and functionality issues. Each domain comprises a list of one or more "patterns" that identify the various software components, hardware components, documentation

components, and network mapping information, for example, that have been used to build previous systems. The result is a multi-domain pattern or plan that defines the hardware and software components, *inter alia*, of the e-business system over one or more domains.

However, in a good faith effort to address the Examiner's concerns and without admitting to the propriety of the rejection, Applicants have amended the independent claims to clarify the terms "domain" and "pattern." Applicants have also amended the independent claims to clarify that the resultant multi-domain pattern defines at least the hardware and software components of the e-business system. These amendments do not add new matter, nor are they intended to narrow the scope of the claims. Rather, they simply clarify the claim language for the Examiner.

The Examiner also rejected claim 30 under §101. However, claim 30 has been cancelled without prejudice thereby rendering the §101 rejection moot.

In light of the amendments, Applicants request that the Examiner withdraw the §101 rejections.

35 U.S.C. §112 ¶2 Rejections

The Examiner rejected claims 28-30 under §112 ¶2 citing minor typographical errors. Applicant has amended claim 28 to correct the antecedent basis issue noted by the Examiner, and cancelled claim 30 without prejudice. Accordingly, Applicants request that the Examiner withdraw the §112 rejections.

35 U.S.C. §102(b) Rejections

The Examiner also rejected claims 1-30 as being anticipated by the article to Arsanjani entitled "Service Provider: A Domain Pattern and its Business Framework Implementation." In response, Applicants have amended the independent claims 1, 14, 23, and 28. Arsanjani does not anticipate the amended claims.

Claim 1 has been amended to recite, "combining patterns in said intermediate set of patterns to produce a multi-domain pattern [that identifies] one or more hardware and software components for one or more of the domains of said e-business system." The hardware and software components that comprise the multi-domain pattern are themselves selected from one or more domains - each having lists of different domain-specific patterns identifying hardware and software components. Together, the components define the framework for an e-business system.

Arsanjani discloses a method of implementing domain patterns. However, in contrast to claim 1, the Arsanjani domain patterns are restricted solely to commonplace software solutions for a typical business application. According to Arsanjani, "[a] framework is a set of prefabricated software building blocks that programmers can use, extend, or customize for specific computing solutions." *Arsanjani*, p. 6, §3, ¶12 (emphasis added). Examples of some of the commonplace software modules include user interface modules, database operations modules (i.e., add/delete/update/save etc.), and application layer modules that define various operating rules. *Arsanjani*, pp. 2-3, §2.

Thus, Arsanjani provides a repository of pre-defined software modules that developers can use to build new business applications. While Arsanjani allows software engineers to develop software applications without completely "re-inventing the wheel," it does not teach - or even suggest - the complexities of marrying the various hardware and software components that form an e-business system. There is nothing in Arsanjani that even remotely discloses such complexity. In fact, the Arsanjani method applies specifically to typical business applications. In sum, Arsanjani does not anticipate amended claim 1 or any of its dependent claims.

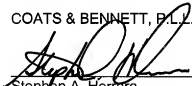
Claim 14 is directed to a method of designing and building an e-business system, and has been amended to recite, "generating a multi-domain pattern based on said second set of

patterns, said multi-domain pattern defining one or more hardware and software components for one or more of the domains of said e-business system." Claim 28 is directed to a corresponding system, and claim 28 is directed to a corresponding controller configured to perform the method of the claimed invention. For reasons similar to those stated above, Arsanjani does not anticipate any of claims 14, 23, or 28, or any of their respective dependent claims.

In light of the foregoing amendments and remarks, Arsanjani fails to anticipate the claimed invention. Accordingly, Applicants request the allowance of all pending claims.

Respectfully submitted,

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